

- The HIV-virus is highly contagious IV
- Spreading: through sexual contact
 - contaminated needles
 - from mother to unborn or breastfed child
- the virus can go unnoticed in the body for years
i.e. 90% of those carrying the virus do not know it.
- Condom use programs → decrease in number of HIV infections
- Medical treatment - ARV - slows down HIV in the body. Now given to millions in the developing world.
- African Americans in the West complain that governments are sending money to stop AIDS in the 3rd world, but do not provide adequate health care to stop the epidemic at home

Vocabulary

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|----------------|---------------|---------------|
| • mortality | • influence | • inadequate |
| • longevity | • participate | • obesity |
| • nutrition | • contagious | • leisure |
| • malnutrition | • cure | • contribute |
| • reluctant | • affluence | • coughing |
| • relief | • curable | • contaminate |
| | • adequate | • bacteria |

* Avian influenza - "The Bird Flu"

- carried by birds, but crosses species
has even been found in pet cats
- does not spread through sneezing and coughing (unlike influenza)
- at first, every one who got it died, but after a while, some infected people survived
- the disease now found on all continents, and being closely monitored by WHO
- there is no known cure or vaccine

Reasons for not vaccinating a population:

the influenza may become stronger and cause a pandemic (resistant bacteria)

Pandemics in the 20th century:

- 1) the 1968 Hong Kong Flu (1 million deaths)
- 2) the 1957 Asian Flu (2 million deaths)
- 3) the 1918 Spanish Influenza († 50 million people)

* AIDS - the 4th leading cause of death world wide
- the number one " " " in Africa.

↳ Acquired Immune Deficiency Syndrome

• Caused by the Human Immunodeficiency Virus

↳ attacks the body's immune system and prevents it from fighting off diseases → a broken down immune system → even an influenza will be life-threatening.